



DUKE ENERGY CAROLINAS, LLC
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March 2, 2011

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of January 2011:

1. Monthly Fuel Cost Report (Exhibit A).
2. Base Load Power Plant Performance Report (Exhibit B).

Revisions to both the November and December 2010 reports are also enclosed. These changes appear in Revised Schedules 5 and 6 for the November 2010 report (revisions to Lee Steam and Lincoln CT fuel oil burned, Month and 12 ME data) as well as Revised Schedules 5 and 6 for the December 2010 report (revisions to Lee Steam and Lincoln CT fuel oil burned, Month and 12 ME data).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2010)

Line No.		January 2011
	Fuel Expenses:	
1	Fuel and fuel-related costs	\$ 199,864,366
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	<u>2,313,560</u>
3	Total fuel and fuel-related costs (line 1 minus line 2)	<u><u>\$ 197,550,806</u></u>
	MWH sales:	
4	Total system sales	8,093,515
5	Less intersystem sales	<u>44,192</u>
6	Total sales less intersystem sales	<u><u>8,049,323</u></u>
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	<u><u>2.4543</u></u>
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	<u><u>2.0976</u></u>
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	4,057,018
10	Biomass	1,069
11	Fuel Oil	24,102
12	Natural Gas	<u>21,558</u>
13	Total fossil	<u>4,103,747</u>
14	Nuclear 100%	4,850,524
15	Hydro - Conventional	107,228
16	Hydro - Pumped storage	<u>(54,335)</u>
17	Total hydro	<u>52,893</u>
18	Solar Distributed Generation	579
19	Total MWH generation	9,007,743
20	Less joint owners' portion	1,407,596
21	Adjusted total MWH generation	<u><u>7,600,147</u></u>
	(a) Line 2 includes:	
	Fuel from intersystem sales (Schedule 3)	\$ 2,259,960
	Fuel in loss compensation	53,600
	Total fuel recovered from intersystem sales	<u><u>\$ 2,313,560</u></u>

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Fuel and fuel-related costs:	<u>January 2011</u>
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	\$ 146,910,593
0501222-0501224 biomass/test fuel consumed (@ avoided fuel cost)	52,511
0501310 fuel oil consumed - steam	314,634
0501330 fuel oil light-off - steam	<u>1,023,341</u>
Total Steam Generation - Account 501	<u>148,301,080</u>
Environmental Costs	
0509000, 0557451 emission allowance expense	1,932
0502020, 030, 040 reagents expense	2,022,001
Emission allowance gains	-
Total Environmental Costs	<u>2,023,933</u>
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	20,853,195
0518600 nuclear fuel disposal cost	<u>4,546,197</u>
Total Nuclear Generation - 100%	<u>25,399,392</u>
Less joint owners' portion	<u>7,231,298</u>
Total Nuclear Generation - Account 518	<u>18,168,094</u>
Other Generation - FERC Account 547	
0547100 natural gas consumed	1,683,028
0547200 fuel oil consumed - CT	<u>3,476,825</u>
Total Other Generation - Account 547	<u>5,159,852</u>
Solar Distributed Generation @ Avoided Fuel Cost	28,423
Total fossil and nuclear fuel expenses included in base fuel component	173,681,383
Fuel related component of purchased and interchange power per Schedule 3	19,658,202
Fuel related component of purchased power (economic accrual)	<u>6,524,781</u>
Total fuel and fuel-related costs	<u>\$ 199,864,366</u>

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2010)

Other fuel expenses not included in fuel and fuel-related costs:	January 2011
Net proceeds from sale of by-products	\$ (336,101)
0501223 biomass avoided fuel cost excess	10,037
0518610 spent fuel canisters-accrual	197,131
0518620 canister design expense	17,371
0518700 fuel cycle study costs	33,560
Non-fuel component of purchased and interchanged power	6,260,980
Total other fuel expenses not included in fuel and fuel-related costs:	\$ 6,182,979
Less Solar Distributed Generation @ Avoided Fuel Cost	(28,423)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	\$ 6,154,556
Total FERC Account 501 - Total Steam Generation	148,311,117
Total FERC Account 518 - Total Nuclear Generation	18,416,156
Total FERC Account 547 - Other Generation	5,159,852
Total Reagents Expense	2,022,001
Total Gain/Loss from Sale of By-Products	(336,101)
Total Emission Allowance Expense	1,932
Total Gain/Loss from Sale of Emission Allowances	-
Total Purchased and Interchanged Power Expenses	32,443,963
Total Fuel, Fuel Related and Purchased Power Expenses	\$ 206,018,921

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

JANUARY 2011

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power		Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	\$		MW	\$	MWH	Fuel \$	Non-Fuel \$
Alcoa Power Generating Inc.	\$	21,600	-	-	400	\$ 13,176	\$ 8,424
Associated Electric Cooperative Inc.		87,500	-	-	2,900	53,375	34,125
Blue Ridge Electric Membership Corp.		2,226,777	65	\$ 993,910	37,062	752,049	480,818
Calpine Power Services Marketing		1,800,189	-	-	36,131	1,098,115	702,074
Cargill Power Marketers LLC		1,180,687	-	-	26,458	720,219	460,468
City of Kings Mtn		8,979	3	8,979	-	-	-
Cobb Electric Membership Corp.		214,220	-	-	5,990	130,674	83,546
ConocoPhillips Company		46,015	-	-	1,567	28,069	17,946
Constellation		1,084,248	-	-	24,589	661,391	422,857
Haywood Electric		477,448	20	196,803	9,096	171,194	109,451
Lockhart Power Co.		19,272	7	19,272	-	-	-
MISO		330	-	-	-	201	129
Morgan Stanley Capital Group		39,001	-	-	1,294	23,791	15,210
NCEMC		12,600	-	-	886	8,707	3,893
NCMPA		1,988,121	-	-	48,574	1,656,854	331,267
Piedmont Electric Membership Corp.		1,152,116	32	495,805	19,370	350,571	305,740
PJM Interconnection LLC		9,971,297	-	-	183,426	6,082,491	3,888,806
Progress Energy Carolinas		6,400	-	-	400	3,904	2,496
Southern		534,059	-	-	13,364	325,776	208,283
SPCO - Rowan		22,790	-	771	-	13,432	8,587
The Energy Authority		909,255	-	-	22,332	554,646	354,609
Town of Dallas		584	-	584	-	-	-
Town of Forest City		20,148	7	20,148	-	-	-
TVA		334,763	-	-	8,166	204,205	130,558
Westar Energy, Inc.		3,505,621	-	-	68,304	2,138,429	1,367,192
Generation Imbalance		259,337	-	-	5,604	148,145	111,192
Energy Imbalance - Purchases		199,974	-	-	(235)	121,984	77,990
Energy Imbalance - Sales		(235,078)	-	-	-	(183,451)	(51,627)
		<u>\$ 25,888,253</u>	<u>134</u>	<u>\$ 1,736,272</u>	<u>515,678</u>	<u>\$ 15,077,947</u>	<u>\$ 9,074,034</u>

Purchased Power		Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	\$		MW	\$	MWH	Fuel \$	Non-Fuel \$
203 Neotrantor, LLC	\$	34	-	-	1	-	\$ 34
Advantage Investment Group, LLC		4,005	-	-	53	-	4,005
AKS Real Estate Holdings, LLC		16	-	-	0	-	16
Alamance Hydro, LLC		4,046	-	-	58	-	4,046
Amelia M. Collins		6	-	-	0	-	6
Andrews Truss Inc.		23	-	-	0	-	23
Anna L. Reilly		18	-	-	0	-	18
Aquenergy		107,326	-	-	1,619	-	107,326
Arnold Schechter		18	-	-	0	-	18
Barbara Ann Evans		753	-	-	22	-	753
Berjouhi Keshguerian		18	-	-	0	-	18
Biomerieux Inc.		344	-	-	5	-	344
Black Hawk Inc.		31	-	-	0	-	31
Branch, James David Dr		34	-	-	0	-	34
Byron P. Matthews		10	-	-	0	-	10
Catawba County		59,723	-	-	1,672	-	59,723
Chapel Hill Tire Co.		73	-	-	1	-	73
Charles Brandon Mitchell		16	-	-	0	-	16
Cherokee County Cogeneration Partners		3,449,359	-	\$ 960,243	34,102	\$ 3,095,950	(606,834)
Clark H. Mizell		47	-	-	1	-	47
Cliffside Mills, LLC		7,201	-	-	92	-	7,201
Converse Energy		12,321	-	-	186	-	12,321
CPIM, LLC		40	-	-	1	-	40
Daniel L. Kerns		125	-	-	2	-	125
Dave K. Birkhead		8	-	-	0	-	8
David A. Ringenburg		19	-	-	0	-	19
David Boyer		25	-	-	0	-	25
David E. Guinnup		6	-	-	0	-	6
David E. Shi		12	-	-	0	-	12
David H. Newman		14	-	-	0	-	14
David M. Thomas		31	-	-	0	-	31
David W. Walters		18	-	-	0	-	18
David Wiener		15	-	-	0	-	15
Davidson Gas Producers, LLC		81,970	-	-	1,139	55,945	26,025
DDM Mortgage Corporation		224	-	-	3	-	224

Purchased Power Cogen, Purpa, Small Power Producers	Total \$	Capacity		Non-Capacity		
		MW	\$	MWH	Fuel \$	Non-Fuel \$
Decision Support	108	-	-	2	-	108
Delta Products Corp.	102	-	-	2	-	102
Diann M. Barbacci	5	-	-	0	-	5
Dirk J. Spruyt	15	-	-	0	-	15
Earnhardt-Childress Racing Technologies, LLC	570	-	-	10	-	570
Edward W. Witkin	28	-	-	0	-	28
Erik P. Raudsep	22	-	-	0	-	22
Ernest E. McConnell	3	-	-	0	-	3
Fogleman Construction Inc.	17	-	-	0	-	17
Frances L. Thomson	31	-	-	0	-	31
Gail D. Schmidt	19	-	-	0	-	19
Gail Severs Schneitler	41	-	-	1	-	41
Gas Recovery Systems, LLC	162,759	-	-	2,472	121,375	41,384
George Franklin Fralick	14	-	-	0	-	14
Gerald Priebe	11	-	-	0	-	11
Gerald W. Meisner	10	-	-	0	-	10
Greenville Gas Producer, LLC	106,862	-	-	1,838	90,236	16,626
Gwenyth T. Reid	12	-	-	0	-	12
H. Malcolm Hardy	14	-	-	0	-	14
Haneline Power, LLC	6,062	-	-	79	-	6,062
Haw River Hydro Co.	13,688	-	-	379	-	13,688
Hayden-Harman Foundation	8	-	-	0	-	8
Hendrik J. Rodenburg	16	-	-	0	-	16
Henry Jay Becker	15	-	-	0	-	15
HMS Holdings Limited Partnership	440	-	-	7	-	440
Holzworth Holdings	5	-	-	0	-	5
Innovative Solar Solutions	24	-	-	0	-	24
Irvine River Company	28,777	-	-	355	-	28,777
Jafasa Farms	68	-	-	1	-	68
James B. Sherman	3	-	-	0	-	3
James J. Boyle	22	-	-	0	-	22
James L. Johnson	12	-	-	0	-	12
James Richard Trevathan	11	-	-	0	-	11
Jeffery Lynn Pardue	21	-	-	0	-	21
Jerome Levit	7	-	-	0	-	7
Jody Fine	11	-	-	0	-	11
Joel L. Hager	28	-	-	0	-	28
John B. Robbins	41	-	-	1	-	41
John H. Diliberti	53	-	-	1	-	53
John J. Hammiller	28	-	-	0	-	28
Keith Adam Smith	5	-	-	0	-	5
KMBA, LLC	50	-	-	1	-	50
Lamar Bailes	29	-	-	0	-	29
Laura J. Ballance	20	-	-	0	-	20
Leon's Beauty School Inc.	146	-	-	2	-	146
Linda Alexander	9	-	-	0	-	9
Marilyn M. Norfolk	14	-	-	0	-	14
Mark A. Powers	5	-	-	0	-	5
Mark S. Trustin	3	-	-	0	-	3
Mary K. Nicholson	19	-	-	0	-	19
Matthew T. Ewers	7	-	-	0	-	7
Mayo Hydropower	43,266	-	-	616	-	43,266
Michael G. Hitchcock	41	-	-	1	-	41
Michael J. Peterson	10	-	-	0	-	10
Mill Shoals Hydro	45,865	-	-	332	-	45,865
MP Durham, LLC	103,826	-	-	1,790	87,894	15,932
Mr. Lawrence B. Miller	25	-	-	0	-	25
Northbrook Carolina Hydro	167,492	-	-	2,559	-	167,492
Oakdale Holding, LLC	76	-	-	1	-	76
Oenophilia	55	-	-	1	-	55
Optima Engineering	50	-	-	1	-	50
Pacifica HOA	24	-	-	0	-	24
Paul C. Kuo	19	-	-	0	-	19
Paul G. Keller	15	-	-	0	-	15
Pelzer Hydro	76,203	-	-	1,175	-	76,203
Peter J. Jarosak	6	-	-	0	-	6
Philip E. Miner	36	-	-	1	-	36
Phillip B. Caldwell	13	-	-	0	-	13
Pickins Mill Hydro, LLC	9,697	-	-	133	-	9,697
Pippin Home Designs Inc.	10	-	-	0	-	10
PRS-PK Engines, LLC	301	-	-	5	-	301
R. Lawrence Ashe, Jr.	21	-	-	0	-	21
Rajah Y. Chacko	10	-	-	0	-	10

Purchased Power Cogen, Purpa, Small Power Producers	Total \$	Capacity		Non-Capacity		
		MW	\$	MWH	Fuel \$	Non-Fuel \$
Rajendra Morey	8	-	-	0	-	8
Ramona L. Sherwood	25	-	-	0	-	25
Raylen Vineyards Inc.	39	-	-	1	-	39
Rebecca G. Laskody	20	-	-	0	-	20
Rebecca T. Cobey	7	-	-	0	-	7
Richard Harkrader	10	-	-	0	-	10
Ron B. Rozzelle	27	-	-	0	-	27
Ron O Bryant	21	-	-	0	-	21
Ronald R. Butters	20	-	-	0	-	20
Rousch & Yates Racing Engines, LLC	450	-	-	8	-	450
Russell Von Stein	6	-	-	0	-	6
Salem Energy Systems, LLC	181,054	-	-	2,664	-	181,054
Samuel B. Moore	15	-	-	0	-	15
Samuel C. Bingham	26	-	-	0	-	26
Samuel C. Province	67	-	-	1	-	67
Scot Friedman	25	-	-	0	-	25
Shawn Slome	8	-	-	0	-	8
South Yadkin Power Inc.	9,697	-	-	127	-	9,697
Stanley Chamberlain	21	-	-	0	-	21
Steven D. Holdaway	20	-	-	0	-	20
Steven Graf	26	-	-	0	-	26
Stewart A. Bible	7	-	-	0	-	7
Strates Inc.	26	-	-	0	-	26
Sun Capital Inc.	115	-	-	2	-	115
Sun Edison, LLC	61,679	-	-	910	44,667	17,012
Susan Bishop McCracken	25	-	-	0	-	25
Susan E. Reynolds	22	-	-	0	-	22
T.S. Designs Inc.	43	-	-	1	-	43
The Rocket Shop, LLC	9	-	-	0	-	9
Theresa S. Greene	9	-	-	0	-	9
Thomas Christopher	14	-	-	0	-	14
Thomas Knox Worde	8	-	-	0	-	8
Thomas W. Bates	24	-	-	0	-	24
Timberlyne	110	-	-	2	-	110
Tony M. Smith	16	-	-	0	-	16
Town of Chapel Hill	10	-	-	0	-	10
Town Of Lake Lure	27,849	-	-	500	-	27,849
W B Moore Co of Char	119	-	-	2	-	119
W. Jefferson Holt	33	-	-	0	-	33
Wallace & Graham, PA	635	-	-	10	-	635
Walter C. McGerver	7	-	-	0	-	7
Wanda J Williams	13	-	-	0	-	13
White Oak of Saluda, LLC	27	-	-	0	-	27
William D Moore	13	-	-	0	-	13
William P. Miller	27	-	-	0	-	27
William Terry Baker	23	-	-	0	-	23
Yves Naar	29	-	-	0	-	29
	<u>\$ 4,777,761</u>	<u>-</u>	<u>\$ 960,243</u>	<u>54,970</u>	<u>\$ 3,496,067</u>	<u>\$ 321,451</u>
TOTAL PURCHASED POWER	\$ 30,666,014	134	\$ 2,696,515	570,648	\$ 18,574,014	\$ 9,395,485
INTERCHANGES IN						
Other Catawba Joint Owners	\$ 7,685,965	-	-	708,570	\$ 4,562,782	\$ 3,123,183
Total Interchanges In	<u>7,685,965</u>	<u>-</u>	<u>-</u>	<u>708,570</u>	<u>4,562,782</u>	<u>3,123,183</u>
INTERCHANGES OUT						
Other Catawba Joint Owners	(5,908,016)	(866)	\$ (134,209)	(540,154)	(3,478,594)	(2,295,213)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	<u>(5,908,016)</u>	<u>(866)</u>	<u>(134,209)</u>	<u>(540,154)</u>	<u>(3,478,594)</u>	<u>(2,295,213)</u>
Net Purchases and Interchange Power	\$ 32,443,963	(732)	\$ 2,562,306	739,064	\$ 19,658,202	\$ 10,223,455

DUKE ENERGY CAROLINAS
 INTERSYSTEM SALES*
 SOUTH CAROLINA

January 2011

Schedule 3, SC, Sales, Month
 Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
Utilities:						
Progress Energy Carolinas - Emergency	\$ 27,531	-	\$ -	248	\$ 15,267	\$ 12,264
SC Public Service Authority - Emergency	174,542	-	-	1,003	151,901	22,641
Market Based:						
Cobb Electric Membership Corp	33,453	-	-	495	20,886	12,567
Constellation Power Sources	23,250	-	-	310	16,422	6,828
MISO	(17,579)	-	-	-	-	(17,579)
Morgan Stanley	20,153	-	-	285	11,870	8,283
NCEMC (Generator/Instantaneous)	4,958	-	-	76	3,577	1,381
NCMPA #1	285,531	50	87,500	2,390	138,862	59,169
PJM Interconnection LLC	1,652,595	-	-	28,407	1,352,673	299,922
Progress Energy Carolinas	56,900	-	-	915	62,646	(5,746)
SC Electric & Gas Market based	3,026	-	-	-	-	3,026
Southern	1,600	-	-	20	1,078	522
The Energy Authority	437,629	-	-	5,341	245,617	192,012
TransAlta Energy Marketing (U.S.) Inc.	128,475	-	-	1,975	95,904	32,571
Other:						
Generation Imbalance	203,993	-	-	2,727	143,257	60,736
BPM Transmission	(259,373)	-	-	-	-	(259,373)
Total Intersystem Sales	\$ 2,776,684	50	\$ 87,500	44,192	\$ 2,259,960	\$ 429,224

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
January 2011
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	786,733,004	483,552,161	633,738,985	1,904,024,150
Base fuel component of recovery						
2	Billed base fuel rate (¢/kWh)	Input	2.0625	2.0625	2.0625	2.0625
3	Billed base fuel expense	L1 * L2 / 100	\$16,226,368	\$9,973,263	\$13,070,867	\$39,270,498
4	Incurred base fuel rate (¢/kWh)	Input	2.3482	2.3482	2.3482	2.3482
5	Incurred base fuel expense	L1 * L4 / 100	\$18,474,410	\$11,354,984	\$14,881,737	\$44,711,131
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	(0.2857)	(0.2857)	(0.2857)	(0.2857)
7	Base fuel over/(under) recovery	L1 * L6 / 100	(\$2,248,042)	(\$1,381,721)	(\$1,810,870)	(\$5,440,633)
Environmental component of recovery						
8	Billed rates by class (¢/kWh)	Input	0.0445	0.0327	0.0253	0.0351
9	Billed environmental expense	L8 * L1 / 100	\$350,096	\$158,122	\$160,336	\$668,554
10	Incurred rate by class (¢/kWh)	Input	0.0266	0.0286	0.0201	0.0249
11	Incurred environmental expense	L10 * L1 / 100	\$209,360	\$138,382	\$127,307	\$475,049
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	0.0179	0.0041	0.0052	0.0102
13	Environmental over/(under) recovery	L9 - L11	\$140,736	\$19,740	\$33,029	\$193,505
Economic purchase component of recovery						
14	S.C. kWh sales % by class	L1 / L1T	41.32%	25.40%	33.28%	100.00%
15	Economic purchase accrual	L15T * L14	(\$637,726)	(\$391,967)	(\$513,709)	(\$1,543,402)
Total over/(under) recovery						
16	Current month	L7 + L13 + L15	(\$2,745,032)	(\$1,753,948)	(\$2,291,550)	(\$6,790,530)
17	Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2010 _/2	\$57,028,206				
	June	\$45,149,223	(\$3,621,374)	(\$3,269,493)	(\$4,988,116)	(\$11,878,983)
	July	33,013,769	(4,490,744)	(3,393,752)	(4,250,958)	(12,135,454)
_/1	August	24,135,829	(3,135,732)	(2,452,885)	(3,289,323)	(8,877,940)
	September	22,247,423	(636,960)	(539,228)	(712,218)	(1,888,406)
	October	25,104,521	773,978	843,626	1,239,494	2,857,098
	November	25,684,690	148,795	154,749	276,625	580,169
	December	18,485,695	(2,615,780)	(1,898,000)	(2,685,215)	(7,198,995)
	January	11,695,165	(\$2,745,032)	(\$1,753,948)	(\$2,291,550)	(6,790,530)
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
January 2011

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME January 2011
Cost of Fuel Received																	
Coal	\$17,248,743	\$59,125,879	\$2,748,722			\$10,231,212	\$1,733,399	\$949,521		\$38,487,056				\$2,301,114		\$132,825,644	\$1,301,161,629
Biomass																	671,932
Fuel Oil	260,542	227,171	120,927	-		79,154	-	310,863	-	422,625				266,744	2,779,172	4,467,197	20,478,294
Gas			372	-			350	312,337	994,672			118		600	374,578	1,683,027	38,348,548
Total	\$17,509,285	\$59,353,050	\$2,870,021	\$0		\$10,310,366	\$1,733,749	\$1,572,720	\$994,672	\$38,909,680		\$118		\$2,568,458	\$3,153,750	\$138,975,869	1,360,660,404
Received (\$/MBTU) Avg																	
Coal	381.13	385.07	417.35			420.26	383.97	373.48		358.02				405.09		379.53	390.14
Biomass																	471.99
Fuel Oil	1,913.78	1,985.41	1,903.76	-		1,915.18	-	1,967.86	-	1,990.88				1,928.59	1,982.02	1,971.26	1,847.73
Gas				-				706.68	494.76			491.67			INF.	665.60	538.42
Weighted Average	385.73	386.26	431.60	-		422.80	384.04	500.50	494.76	361.24		491.67		441.40	INF.	391.74	397.99
Cost of Fuel Burned(\$ (A))																	
Coal (C)	\$24,069,829	\$54,668,859	\$4,817,229			\$12,341,179	\$2,478,003	\$4,031,586		\$39,523,128				\$4,980,781		\$146,910,594	\$1,438,884,399
Biomass								62,549								62,549	596,788
Fuel Oil (D)	231,987	215,256	49,932	(225,232)		78,365	134,924	114,429	3,078,629	311,476		24,689		218,439	581,608	4,814,802	19,151,014
Gas			372	-			350	312,337	994,672			118		600	374,578	1,683,027	38,348,548
Nuclear					8,954,724						7,200,891		9,243,778			25,399,393	295,886,046
Total	\$24,301,816	\$54,884,115	\$4,867,533	(\$225,232)	\$8,954,724	\$12,419,544	\$2,613,277	\$4,520,901	\$4,073,301	\$39,834,604	\$7,200,891	\$24,807	\$9,243,778	\$5,199,820	\$956,186	\$178,870,365	\$1,792,866,795
Burned (\$/MBTU) Avg																	
Coal	388.39	389.15	388.01			392.41	400.95	376.81		363.47				385.33		381.72	377.27
Biomass								510.23								510.23	479.09
Fuel Oil	1,858.42	1,794.70	1,658.32	-		1,827.54	1,649.24	1,660.08	1,151.95	1,802.11		896.80		1,731.99	1,766.36	1,268.12	1,424.12
Gas				-				706.68	494.76			491.67			INF.	665.60	523.67
Nuclear					51.81						51.64		52.86			52.14	50.24
Weighted Average	391.35	390.35	391.12	-	51.81	394.37	417.31	398.93	869.82	365.75	51.64	893.30	52.86	398.39	INF.	203.62	183.11
Generated (\$/kWh) Avg																	
Coal	3.87	3.55	4.02			3.79	4.50	3.93		3.38				4.09		3.62	3.63
Biomass								6.40								5.85	5.86
Fuel Oil	-	-	(B)	(B)		-	(B)	INF.	13.97	-		(B)		(B)	23.00	19.98	INF.
Gas				-				7.09	6.00			(B)			INF.	7.81	6.09
Nuclear					0.51						0.52		0.53			0.52	0.51
Weighted Average	3.90	3.56	4.06	(B)	0.51	3.82	4.75	4.18	10.55	3.40	0.52	(B)	0.53	4.27	30.72	2.00	1.82
Burned MBTU's																	
Coal	6,197,273	14,048,216	1,241,507			3,144,933	618,038	1,069,914		10,873,850				1,292,600		38,486,331	381,397,773
Biomass								12,259								12,259	124,566
Fuel Oil	12,483	11,994	3,011	-		4,288	8,181	6,893	267,254	17,284		2,753		12,612	32,927	379,680	1,344,762
Gas				-				44,198	201,040			24			7,596	252,858	7,323,014
Nuclear					17,283,638						13,945,230		17,486,206			48,715,074	588,956,158
Total	6,209,756	14,060,210	1,244,518	-	17,283,638	3,149,221	626,219	1,133,264	468,294	10,891,134	13,945,230	2,777	17,486,206	1,305,212	40,523	87,846,202	979,146,273
Net Generation (mWh)																	
Coal	622,504	1,540,052	119,880			325,217	55,110	102,604		1,169,902				121,749		4,057,018	39,671,506
Biomass			92					977								1,069	10,188
Fuel Oil			(39)	(137)			(67)	90	22,030			(236)		(68)	2,529	24,102	15,334
Gas				-				4,404	16,572			(2)			584	21,558	629,763
Nuclear					1,743,066						1,376,709		1,730,749			4,850,524	58,212,854
Total	622,504	1,540,052	119,933	(137)	1,743,066	325,217	55,043	108,075	38,602	1,169,902	1,376,709	(238)	1,730,749	121,681	3,113	8,954,271	98,539,645
Cost of Reagents Consumed (\$)																	
Ammonia		553,110				23,400										576,511	5,246,921
Limestone (C)	232,597	445,231								672,120						1,460,760	13,535,083
Urea	(2,140)					(23,359)				10,230						(15,269)	4,597,041
Organic Acid																	
Total	230,457	998,341	-	-	-	41	-	-	-	682,350	-	-	-	-	-	2,022,001	23,379,046

(A) Cost of fuel burned excludes \$1,932 associated with emission allowance expense for the month and \$266,475 for the twelve months ended.

(B) Cents/kWh not computed when costs and/or net generation is negative.

(C) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2010.

(D) Activity at Buzzard Roost reflects sale of fuel oil inventory.

Notes:

Detail amounts may not add to totals shown due to rounding.

Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.

Coal inventory Ending Balance excludes 10,106 tons and \$522,226 associated with terminals for the current month.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
January 2011

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME January 2011
Coal Data:														
Beginning balance	229,386	403,085	195,425		250,981	95,737	172,969		895,269		144,408		2,387,260	3,799,187
Tons received during period	194,753	627,694	26,647		99,472	18,067	10,205		437,845		22,894		1,437,578	14,050,761
Moisture adjustments	417	1,390	151		900	242	5		1,511		686		5,301	(4,966)
Tons burned during period (A)	256,497	573,169	50,697		128,568	25,273	43,178		441,648		53,837		1,572,867	15,587,710
Ending balance	168,059	459,000	171,526		222,786	88,772	140,001		892,977		114,151		2,257,272	2,257,272
MBTUs per ton burned	24.16	24.51	24.49		24.46	24.45	24.78		24.62		24.01		24.47	24.47
Cost of ending inventory (\$/ton)	93.61	95.09	94.94		95.60	97.79	93.36		89.33		91.96		92.58	92.58
Biomass/Test Fuel Data:														
Beginning balance			-				3,141						3,141	-
Tons received during period			-				-						-	15,184
Inventory adjustments			-				1						1	(3)
Tons burned during period			-				1,444						1,444	13,484
Ending balance			-				1,697						1,697	1,697
Cost of ending inventory (\$/ton)			-				43.84						43.84	43.84
Fuel Oil Data:														
Beginning balance	94,580	247,033	257,738	424,190	79,962	163,835	549,623	8,671,215	317,547	3,930,696	168,123	2,191,617	17,096,159	18,618,399
Gallons received during period	98,832	83,137	46,203	-	30,091	-	114,531	-	154,248	-	100,233	1,012,412	1,639,687	8,812,891
Miscellaneous usage, transfers and adjustments (B)	(8,282)	(5,300)	(2,018)	(378,774)	(3,604)	(2,809)	(1,600)	-	(18,105)	-	(1,457)	-	(421,949)	(2,116,295)
Gallons burned during period	90,620	87,148	21,900	-	31,221	59,177	49,976	1,924,143	125,595	19,751	91,397	235,469	2,736,397	9,737,495
Ending balance	94,510	237,722	280,023	45,416	75,228	101,849	612,578	6,747,072	328,095	3,910,945	175,502	2,968,560	15,577,500	15,577,500
Cost of ending inventory (\$/gal)	2.56	2.48	2.28	0.80	2.37	2.29	2.28	1.60	2.48	1.25	2.39	2.47	1.77	1.77
Gas Data: (C)														
Beginning balance														
MCF received during period			-	-		-	43,674	198,264		24	-	7,447	249,409	7,189,561
MCF burned during period			-	-		-	43,674	198,264		24	-	7,447	249,409	7,189,561
Ending balance														
Cost of ending inventory (\$/mcf)														
Limestone Data:														
Beginning balance	14,106	20,084			6,363				50,775				91,329	48,550
Tons received during period	7,361	10,464			13,447				7,357				38,630	502,239
Tons consumed during period (A)	7,087	15,530			4,169				22,337				49,123	469,952
Ending balance	14,381	15,019			15,642				35,795				80,836	80,836
Cost of ending inventory (\$/ton)	32.81	28.68			26.59				30.09				29.63	29.63

(A) Twelve months ended includes annual aerial survey adjustment recorded in Dec 2010.

(B) Activity at Buzzard Roost reflects sale of fuel oil inventory.

(C) Gas is burned as received; therefore, inventory balances are not maintained.

Notes:

Detail amounts may not add to totals shown due to rounding.

Coal Inventory Ending Balance excludes 10,106 tons and \$522,226 associated with terminals for the current month.

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
January 2011**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	20,598	\$ 1,727,433.82	\$ 83.87
	CONTRACT	174,156	15,180,440.38	87.17
	ADJUSTMENTS	-	340,868.52	-
	TOTAL	194,753	17,248,742.72	88.57
BELEWS CREEK	SPOT	77,012	6,648,823.87	86.34
	CONTRACT	550,682	50,039,402.33	90.87
	ADJUSTMENTS	-	2,437,652.57	-
	TOTAL	627,694	59,125,878.77	94.20
BUCK	SPOT	-	-	-
	CONTRACT	26,647	2,558,412.08	96.01
	ADJUSTMENTS	-	190,309.82	-
	TOTAL	26,647	2,748,721.90	103.15
CLIFFSIDE	SPOT	11,034	1,053,521.87	95.48
	CONTRACT	88,438	9,021,266.72	102.01
	ADJUSTMENTS	-	156,423.38	-
	TOTAL	99,472	10,231,211.97	102.85
DAN RIVER	SPOT	-	-	-
	CONTRACT	18,067	1,733,573.35	95.96
	ADJUSTMENTS	-	(174.58)	-
	TOTAL	18,067	1,733,398.77	95.95
LEE	SPOT	-	-	-
	CONTRACT	10,205	924,380.30	90.58
	ADJUSTMENTS	-	25,140.20	-
	TOTAL	10,205	949,520.50	93.04
MARSHALL	SPOT	46,169	4,175,735.08	90.44
	CONTRACT	391,675	33,456,964.28	85.42
	ADJUSTMENTS	-	854,356.44	-
	TOTAL	437,845	38,487,055.80	87.90
RIVERBEND	SPOT	-	(212.81)	-
	CONTRACT	22,894	2,244,386.50	98.03
	ADJUSTMENTS	-	56,940.37	-
	TOTAL	22,894	2,301,114.06	100.51
ALL PLANTS	SPOT	154,813	13,605,301.83	87.88
	CONTRACT	1,282,765	115,158,825.94	89.77
	ADJUSTMENTS	-	4,061,516.72	-
	TOTAL	1,437,578	\$ 132,825,644.49	\$ 92.40

Duke Energy Carolinas
Analysis of Quality of Coal Received
January 2011

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	8.19	10.59	11,619	1.06
Belews Creek	6.95	11.14	12,231	0.90
Buck	6.75	11.00	12,358	0.85
Cliffside	7.68	10.44	12,237	0.94
Dan River	5.60	11.57	12,494	0.81
Lee	7.50	9.47	12,456	0.96
Marshall	7.78	10.53	12,276	1.55
Riverbend	6.37	11.05	12,406	0.86

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
January 2011

Station	Allen	Belews Creek	Buck	Cliffside	Lee	Marshall	Riverbend	Rockingham
Vendor	HighTowers	HighTowers	Hightowers	HighTowers	HighTowers	High Towers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0.02	0	0.01	0	0.01	0
Gallons Received	98,832	83,137	46,203	30,091	114,531	154,248	100,233	1,012,412
Total Delivered Cost	\$ 260,541.97	\$ 227,171.00	\$ 120,926.64	\$ 79,154.37	\$ 310,862.94	\$ 422,624.57	\$ 266,743.69	\$ 2,779,172.24
Delivered Cost/Gal	\$ 2.64	\$ 2.73	\$ 2.62	\$ 2.63	\$ 2.71	\$ 2.74	\$ 2.66	\$ 2.75
BTU/Gallon	137,750	137,630	137,490	137,350	137,930	137,620	137,990	138,500

Note: Rockingham receipt analysis has not yet been completed. Per station, analysis will be completed when tank is filled.

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

February,2010 - January,2011

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,724,738	2,538	93.22	91.29
McGuire	18,522,440	2,200	96.11	92.27
Catawba	18,965,676	2,258	95.88	93.88

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
February 2010 through January 2011
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,380,691	1,110	86.19	92.57
Belews Creek 2	6,393,233	1,110	65.75	71.86

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
February 2010 through January 2011
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,491,541	562	50.61	63.76
Marshall 1	1,887,893	380	56.71	86.02
Marshall 2	1,781,326	380	53.51	88.37
Marshall 3	4,193,115	658	72.75	91.07
Marshall 4	4,822,119	660	83.40	94.04

**Duke Energy Carolinas
Power Plant Performance Data**

**Twelve Month Summary
February 2010through January 2011**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	689,438	162	48.51	92.78
Allen 2	617,636	162	43.52	91.55
Allen 3	1,505,552	261	65.85	91.47
Allen 4	1,512,671	276	62.56	88.53
Allen 5	1,338,329	266	57.44	87.93
Buck 3	50,037	75	7.62	99.17
Buck 4	27,300	38	8.20	99.17
Buck 5	556,790	128	49.66	87.31
Buck 6	517,050	128	46.11	87.91
Cliffside 1	-1,530	38	-0.46	96.95
Cliffside 2	-1,715	38	-0.52	96.95
Cliffside 3	5,066	61	0.95	96.95
Cliffside 4	4,139	61	0.77	4.05
Dan River 1	92,989	67	15.84	96.64
Dan River 2	95,631	67	16.29	93.99
Dan River 3	392,513	142	31.55	87.18
Lee 1	236,140	100	26.96	94.21
Lee 2	242,982	100	27.74	92.04
Lee 3	572,272	170	38.43	93.46
Riverbend 4	234,962	94	28.53	97.35
Riverbend 5	226,756	94	27.54	97.51
Riverbend 6	397,219	133	34.09	96.53
Riverbend 7	419,549	133	36.01	95.66

**Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary**

February, 2010 through January, 2011

Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-374	62	99.45
Buzzard Roost CT	-1,294	184	99.83
Dan River CT	-449	48	98.33
Lee CT	9,472	82	98.92
Lincoln CT	111,242	1,264	98.19
Mill Creek CT	91,095	592	98.90
Riverbend CT	-895	64	99.15
Rockingham CT	436,300	825	86.61

Power Plant Performance

12 Months Ended JANUARY 2011

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	49,738	23.000	88.77
Cedar Creek	118,161	45.000	99.43
Cowans Ford	130,548	325.000	96.52
Dearborn	132,289	42.000	99.68
Fishing Creek	116,454	49.000	99.23
Gaston Shoals	14,157	4.600	50.31
Great Falls	3,388	24.000	37.61
Keowee	64,487	157.500	93.84
Lookout Shoals	80,317	27.000	90.95
Mountain Island	94,257	62.000	98.24
Ninety Nine Island	64,496	18.000	61.25
Oxford	92,915	40.000	94.31
Rhodhiss	55,019	30.500	97.44
Rocky Creek	(966)	28.000	-
Tuxedo	17,892	6.400	56.82
Wateree	171,257	85.000	90.15
Wylie	116,895	72.000	97.87
Nantahala	193,484	50.000	97.68
Queens Creek	3,043	1.440	99.97
Thorpe	62,737	19.700	95.67
Tuckasegee	5,426	2.500	94.86
Tennessee Creek	19,528	9.800	72.13
Bear Creek	22,521	9.450	96.58
Cedar Cliff	16,645	6.380	96.61
Mission	3,143	1.800	91.41
Franklin	(9)	1.040	50.00
Bryson	667	1.040	85.36
Dillsboro	-	0.230	50.00
Total Conventional	<u>1,648,490</u>		
Pumped Storage Plants			
Jocassee	898,069	730.000	79.68
Bad Creek	<u>2,041,208</u>	1,360.000	95.12
Total	<u>2,939,277</u>		
Less Energy for Pumping			
Jocassee	(1,041,399)		
Bad Creek	<u>(2,579,432)</u>		
Total	<u>(3,620,831)</u>		
Total Pumped Storage			
Jocassee	(143,330)		
Bad Creek	<u>(538,224)</u>		
Total	<u>(681,554)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: January, 2011

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	01/08/2011-01/16/2011	192.10	UNSCHEDULED	IHP-5 CONTAINMENT ISOLATION VALVE INOPERABLE		
	2	None					
	3	01/21/2011-01/23/2011	29.47	UNSCHEDULED	REPAIR 3HD-149 HEATER DRAIN PIPING STEAM LEAK		
McGuire	1	01/20/2011-01/24/2011	104.57	UNSCHEDULED	LOSS OF BOTH FEEDWATER PUMPS		
	2	01/20/2011-01/26/2011	140.43	UNSCHEDULED	SERVICE WATER SYSTEM INOPERABLE ON BOTH SAFETY TRAINS		
Catawba	1	None					
	2	None					

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

January 2011

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	1/16/2011 1:09:00 AM To 1/18/2011 1:21:00 AM	Sch	1000 BOILER TUBE WATERWALL (FURNACE WALL) LEAK	water wall tube leak	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January, 2011
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	466912	74.18	645883	102.61	617954	98.18
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	101	0.02	263	0.04	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	162517	25.82	0	0.00	24932	3.96
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-106	-0.02	-16722	-2.66	-13462	-2.14
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	99.99 %	629424	100.00 %
(I) Equivalent Availability		72.98		99.96		94.66
(J) Output Factor		100.00		102.61		102.23
(K) Heat Rate		10,188		10,087		10,056

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January, 2011
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	719609	87.93	657100	80.29
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	115027	14.06	154473	18.88
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-16236	-1.98	6827	0.83
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.01 %	818400	100.00 %
(I) Equivalent Availability		83.76		77.29
(J) Output Factor		102.31		98.97
(K) Heat Rate		10,089		10,173

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

January, 2011
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	868962	103.45	874104	104.06
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-28986	-3.45	-34128	-4.06
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		103.45		104.06
(K) Heat Rate		9,942		9,890

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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January 2011

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	800,527	739,525
(C1) Capacity Factor	96.93	89.55
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	53,502
(D1) Scheduled Outages: percent of Period Hrs	0.00	6.48
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	2,694
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.33
(E1) Net mWh Not Generated due to Full Forced Outages	0	0
(E1) Forced Outages: percent of Period Hrs	0.00	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	1,506	3,327
(E2) Forced Derates: percent of Period Hrs	0.18	0.40
(F) Net mWh Not Generated due to Economic Dispatch	23,807	26,792
(F) Economic Dispatch: percent of Period Hrs	2.88	3.24
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	99.82	92.79
(I) Output Factor (%)	96.93	95.75
(J) Heat Rate (BTU/NkWh)	9,030	9,238

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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**January 2011
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	149,568	205,589	351,520	463,225
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	68.74	92.87	83.22	99.91
(F) Output Factor (%)	86.15	84.06	81.24	94.34
(G) Capacity Factor	52.90	72.72	71.80	94.34

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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**January 2011
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	744
(C1) Net Generation (mWh)	325,567
(D) Net mWh Possible in Period	418,128
(E) Equivalent Availability	93.57
(F) Output Factor (%)	83.68
(G) Capacity Factor	77.86

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February, 2010 - January, 2011
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	7254339	97.89	6726977	90.77	6743422	90.99
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	715225	9.65	566101	7.64
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1742	0.02	5747	0.08	13397	0.18
(E1) Net MWH Not Gen Due To Full Forced Outages	216703	2.92	71005	0.96	194276	2.62
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-61824	-0.83	-107994	-1.46	-106236	-1.43
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		96.47		88.73		88.68
(J) Output Factor		100.84		101.54		101.40
(K) Heat Rate		10,215		10,129		10,096

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February, 2010 - January, 2011
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8705498	90.34	9816942	101.88
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	32166	0.33	1109	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	296109	3.07	154473	1.60
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-295241	-3.06	-336524	-3.49
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	99.99 %	9636000	100.00 %
(I) Equivalent Availability		86.54		97.99
(J) Output Factor		103.12		103.54
(K) Heat Rate		10,137		10,166

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

February, 2010 - January, 2011
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	9886811	99.97	9078865	91.80
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	789250	7.98
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1486	0.02	77649	0.79
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	123230	1.25
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-145817	-1.47	-178954	-1.81
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.01 %	9890040	100.01 %
(I) Equivalent Availability		97.68		90.07
(J) Output Factor		101.48		101.13
(K) Heat Rate		10,058		10,039

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

February 2010 through January 2011

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,380,691	6,393,233
(C1) Capacity Factor	86.19	65.75
(D1) Net mWh Not Generated due to Full Scheduled Outages	220,946	2,377,011
(D1) Scheduled Outages: percent of Period Hrs	2.27	24.45
(D2) Net mWh Not Generated due to Partial Scheduled Outages	11,749	4,066
(D2) Scheduled Derates: percent of Period Hrs	0.12	0.04
(E1) Net mWh Not Generated due to Full Forced Outages	418,341	299,995
(E1) Forced Outages: percent of Period Hrs	4.30	3.09
(E2) Net mWh Not Generated due to Partial Forced Outages	71,727	55,106
(E2) Forced Derates: percent of Period Hrs	0.74	0.57
(F) Net mWh Not Generated due to Economic Dispatch	620,146	594,189
(F) Economic Dispatch: percent of Period Hrs	6.38	6.11
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	92.57	71.86
(I) Output Factor (%)	94.51	91.16
(J) Heat Rate (BTU/NkWh)	9,167	9,336

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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February 2010 through January 2011

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	1,887,893	1,781,326	4,193,115	4,822,119
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	86.02	88.37	91.07	94.04
(F) Output Factor (%)	80.27	79.97	86.39	88.38
(G) Capacity Factor	56.71	53.51	72.75	83.40

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
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February 2010 through January 2011

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	2,491,541
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	63.76
(F) Output Factor (%)	81.63
(G) Capacity Factor	50.61

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
January,2011

Full Outage Hours

	Unit	MW	Scheduled	Unscheduled	Total
Oconee	1	846	0.00	192.10	192.10
	2	846	0.00	0.00	0.00
	3	846	0.00	29.47	29.47
McGuire	1	1100	0.00	104.57	104.57
	2	1100	0.00	140.43	140.43
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas
Outages for 100 mW or Larger Units
January 2011

Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	8.75	0.00	8.75
Allen 2	162	0.00	0.00	0.00
Allen 3	261	0.00	0.00	0.00
Allen 4	276	0.00	0.00	0.00
Allen 5	266	33.50	24.45	57.95
Belews Creek 1	1,110	0.00	0.00	0.00
Belews Creek 2	1,110	48.20	0.00	48.20
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	41.67	41.67
Cliffside 5	562	0.00	10.75	10.75
Dan River 3	142	97.50	97.20	194.70
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	15.50	0.00	15.50
Marshall 1	380	0.00	232.12	232.12
Marshall 2	380	52.40	0.00	52.40
Marshall 3	658	0.00	37.33	37.33
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	24.08	24.08
Riverbend 7	133	0.00	0.00	0.00
Rockingham CT1	165	3.72	0.00	3.72
Rockingham CT2	165	7.50	0.77	8.27
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	33.05	33.05
Rockingham CT5	165	17.00	0.00	17.00

South Carolina

To be included with the January 2011 Monthly Fuel Filing:

List of revisions:

November 2010 – Revised Schedule 5; revisions to Lee Steam and Lincoln CT fuel oil burned, Month & 12 ME data

November 2010 – Revised Schedule 6; revisions to Lee Steam and Lincoln CT fuel oil burned, Month & 12 ME data

December 2010 – Revised Schedule 5; revisions to Lee Steam and Lincoln CT fuel oil burned, 12 ME data

December 2010 – Revised Schedule 6; revisions to Lee Steam and Lincoln CT fuel oil burned, 12 ME data

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
November 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME November 2010 (C)
Cost of Fuel Received																	
Coal	\$13,971,668	\$47,888,430	\$3,626,882			\$15,573,170	\$1,685,262	\$2,072,650		\$42,715,506				\$1,071,920		\$128,605,489	\$1,236,996,335
Biomass			-	-			-	-		-				-	-	-	671,932
Fuel Oil	449,778	218,003	-	-		71,443	-	-		364,342				-	-	1,103,566	17,561,426
Gas			372	-			350	25,725	79,067			44,610		600	707,401	858,125	36,481,139
Total	\$14,421,445	\$48,106,433	\$3,627,254	\$0		\$15,644,613	\$1,685,612	\$2,098,375	\$79,067	\$43,079,848		\$44,610		\$1,072,520	\$707,401	\$130,567,180	1,291,710,833
Received (¢/MBTU) Avg																	
Coal	382.67	392.70	398.43			377.80	363.27	374.39		368.32				363.67		380.63	377.34
Biomass			-	-			-	-		-				-	-	-	472.73
Fuel Oil	1,741.03	1,759.65	-	-		1,740.40	-	-		1,726.66				-	-	1,739.85	1,588.71
Gas			-	-			-	789.35	554.08			989.35		-	755.92	742.19	519.61
Weighted Average	392.22	394.09	398.47	-		379.16	363.35	376.82	554.08	370.78		989.35		363.87	755.92	384.40	384.33
Cost of Fuel Burned(\$ (A))																	
Coal	\$7,131,026	\$43,901,640	\$0			\$9,222,575	\$0	\$0		\$21,564,192				\$183		\$81,819,616	\$1,389,249,604
Biomass			-	-			-	-		-				-	-	-	537,632
Fuel Oil	444,423	189,024	22	-		76,706	3,417	120,194	2,941	326,563				-	-	1,163,290	17,216,330
Gas			372	-			350	25,725	79,067			44,610		600	707,401	858,125	36,481,139
Nuclear					8,331,713						8,628,280		7,724,383			24,684,376	292,133,244
Total	\$7,575,449	\$44,090,664	\$394	\$0	\$8,331,713	\$9,299,281	\$3,767	\$145,919	\$82,008	\$21,890,755	\$8,628,280	\$44,610	\$7,724,383	\$783	\$707,401	\$108,525,407	\$1,735,617,949
Burned (¢/MBTU) Avg																	
Coal	391.85	393.57	-			394.53	-	-		365.53				-		385.73	367.31
Biomass			-	-			-	-		-				-	-	-	494.05
Fuel Oil	1,710.64	1,686.21	INF.	-		1,686.96	1,634.93	1,536.81	1,153.33	1,669.97				-	-	1,671.92	1,551.11
Gas			-	-			-	789.35	554.08			989.35		-	755.92	742.19	519.61
Nuclear					51.48						51.49		52.80			51.89	49.57
Weighted Average	410.41	394.87	INF.	-	51.48	397.04	1,802.39	1,316.96	564.60	369.84	51.49	989.35	52.80	-	755.92	157.35	177.86
Generated (¢/kWh) Avg																	
Coal	3.92	3.59	(B)			3.87	(B)	(B)		3.40				(B)		3.60	3.54
Biomass			-	-			-	-		-				-	-	-	6.08
Fuel Oil	-	-	(B)	(B)		-	(B)	(B)	INF.	-		-		-	-	(B)	(B)
Gas			-	-			-	(B)	26.36			INF.		-	-	10.36	6.06
Nuclear					0.52						0.52		0.54		8.90	0.52	0.50
Weighted Average	4.16	3.60	(B)	(B)	0.52	3.91	(B)	(B)	26.89	3.45	0.52	INF.	0.54	(B)	8.90	1.55	1.77
Burned MBTU's																	
Coal	1,819,851	11,154,640	-			2,337,617	-	-		5,899,417				-		21,211,525	378,223,904
Biomass			-	-			-	-		-				-	-	-	108,822
Fuel Oil	25,980	11,210	1	-		4,547	209	7,821	255	19,555				-	-	69,578	1,109,939
Gas			-	-			-	3,259	14,270			4,509		-	93,582	115,620	7,020,904
Nuclear					16,185,589						16,757,708		14,630,370			47,573,667	589,377,137
Total	1,845,831	11,165,850	1	-	16,185,589	2,342,164	209	11,080	14,525	5,918,972	16,757,708	4,509	14,630,370	-	93,582	68,970,390	975,840,706
Net Generation (mWh)																	
Coal	181,938	1,223,926	(813)			238,072	(746)	(822)		633,716				(1,536)		2,273,735	39,248,128
Biomass			-	-			-	-		-				-	-	-	8,848
Fuel Oil	-	-	(30)	(94)		-	(36)	(27)	5	-				-	-	(182)	(9,636)
Gas			-	-			-	(18)	300			57		-	-	8,286	602,020
Nuclear					1,612,856						1,668,698		1,433,009		7,947	4,714,563	58,232,052
Total	181,938	1,223,926	(843)	(94)	1,612,856	238,072	(782)	(867)	305	633,716	1,668,698	57	1,433,009	(1,536)	7,947	6,996,402	98,081,412
Cost of Reagents Burned (\$)																	
Ammonia		552,769				44,808				-						597,577	5,362,069
Limestone	80,087	367,294								319,120						898,149	14,114,493
Urea	28,835		-			(117,400)				-						(88,564)	4,787,426
Organic Acid	-	-								-						-	-
Total	108,923	920,063	-			(72,592)				319,120						1,407,161	24,263,988

(A) Cost of fuel burned excludes \$1,545 associated with emission allowance expense for the month and \$305,793 for the twelve months ended.

(B) Cents/kWh not computed when costs and/or net generation is negative.

(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.

Notes:

Detail amounts may not add to totals shown due to rounding.

Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.

Coal Inventory Ending Balance excludes 0,000 tons and \$0,000 associated with terminals for the current month.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
November 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME November 2010 (C)
Coal Data:														
Beginning balance	306,328	494,642	139,400		243,337	87,177	145,717		783,191		160,928		2,360,720	4,651,564
Tons received during period	151,988	498,430	36,910		169,102	18,527	22,267		469,688		11,914		1,378,827	13,364,698
Moisture adjustments	(273)	(3,346)	-		(614)	-	-		(1,224)		-		(5,457)	(2,885)
Tons burned during period (A)	73,417	456,358	-		97,573	-	-		238,360		2		865,709	15,144,996
Ending balance	384,627	533,368	176,311		314,253	105,704	167,984		1,013,295		172,840		2,868,381	2,868,381
MBTUs per ton burned	24.79	24.44	-		23.96	-	-		24.75		-		24.50	24.97
Cost of ending inventory (\$/ton)	97.15	96.80	94.74		94.70	99.11	93.29		90.58		91.26		93.84	93.84
Biomass/Test Fuel Data:														
Beginning balance			381				3,141						3,522	614
Tons received during period			-				-						-	15,158
Inventory adjustments			-				-						-	(618)
Tons burned during period			-				-						-	11,632
Ending balance			381				3,141						3,522	3,522
Cost of ending inventory (\$/ton)			28.50				43.84						42.18	42.18
Fuel Oil Data:														
Beginning balance	68,868	234,411	317,742	1,536,309	69,106	218,784	586,129	8,673,053	311,219	3,933,547	225,726	2,254,372	18,429,266	18,969,628
Gallons received during period	187,254	90,049	-	-	29,848	-	-	-	153,205	-	-	-	460,356	8,017,498
Miscellaneous usage, transfers and adjustments	(6,637)	(13,768)	(1,085)	(22,740)	(8,847)	(486)	(2,478)	-	(28,097)	-	(590)	-	(84,728)	(634,335)
Gallons burned during period	188,316	81,476	10	-	33,063	1,512	56,695	1,838	141,984	-	-	-	504,894	8,052,791
Ending balance	61,169	229,216	316,647	1,513,569	57,044	216,786	526,956	8,671,215	294,343	3,933,547	225,136	2,254,372	18,300,000	18,300,000
Cost of ending inventory (\$/gal)	2.36	2.32	2.22	0.79	2.21	2.26	2.12	1.60	2.29	1.25	2.17	2.34	1.61	1.61
Gas Data: (B)														
Beginning balance														
MCF received during period			-	-		-	3,215	14,101		4,438	-	92,381	114,135	6,890,868
MCF burned during period			-	-		-	3,215	14,101		4,438	-	92,381	114,135	6,890,868
Ending balance														
Cost of ending inventory (\$/mcf)														
Limestone Data:														
Beginning balance	13,573	31,573			9,842				52,962				107,950	104,595
Tons received during period	10,645	6,492			5,801				14,772				37,710	511,993
Tons burned during period (A)	2,476	12,942			5,247				10,602				31,267	502,194
Ending balance	21,742	25,124			10,396				57,131				114,393	114,393
Cost of ending inventory (\$/ton)	32.34	28.39			25.08				30.10				29.70	29.70

(A) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.

(B) Gas is burned as received; therefore, inventory balances are not maintained.

(C) Twelve months ended total reflects biomass data included with Coal prior to 2010.

Notes:

Detail amounts may not add to totals shown due to rounding.

Coal Inventory Ending Balance excludes 0,000 tons and \$0,000 associated with terminals for the current month.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
December 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME December 2010
Cost of Fuel Received																	
Coal	\$6,946,863	\$48,216,784	\$2,613,505			\$5,983,180	\$917,031	\$2,181,302		\$32,265,593				\$2,085,883		\$101,210,142	\$1,257,963,340
Biomass	-	-	-			-	-	-		-				-		-	671,932
Fuel Oil	416,762	250,430	-	-		79,234	-	284,133		289,608				135,298	-	1,455,464	17,876,574
Gas	-	-	372	-		-	350	257,999	(4,563)	-		714		600	294,678	550,150	36,920,328
Total	\$7,363,626	\$48,467,214	\$2,613,877	\$0		\$6,062,414	\$917,381	\$2,723,433	(\$4,563)	\$32,555,201		\$714		\$2,221,781	\$294,678	\$103,215,756	1,313,432,174
Received (#/MBTU) Avg																	
Coal	423.84	396.45	384.23			350.33	389.70	384.87		358.84				359.53		381.01	377.19
Biomass	-	-	-			-	-	-		-				-		-	471.99
Fuel Oil	1,834.26	1,864.01	-	-		1,886.08	-	1,820.90	-	1,821.55				1,832.81	-	1,836.73	1,612.98
Gas	-	-	-	-		-	-	789.23	(B)	-		-		-	357.35	477.76	518.36
Weighted Average	443.12	398.07	384.16	-		354.09	389.85	442.80	-	361.42		-		378.14	357.35	385.74	384.17
Cost of Fuel Burned(\$ (A))																	
Coal	\$21,761,066	\$60,660,336	\$964,327			\$12,335,489	\$1,967,938	\$1,700,549		\$43,238,900				\$4,682,841		\$147,311,446	\$1,435,606,624
Biomass	-	-	10,863			-	-	-		-				-		10,863	548,495
Fuel Oil (C)	296,226	168,724	126,158	(912,382)		6,216	113,892	189,502	-	161,452		3,564		244,322	146,847	559,661	16,472,311
Gas	-	-	372	-		-	350	257,999	(4,563)	-		714		600	294,678	550,150	36,920,328
Nuclear	-	-	-	-	8,894,100	-	-	-	-	-	8,935,359	-	10,282,540	-	-	28,111,999	296,493,970
Total	\$22,057,292	\$60,829,060	\$1,101,720	(\$912,382)	\$8,894,100	\$12,341,705	\$2,082,180	\$2,148,050	(\$4,563)	\$43,400,352	\$8,935,359	\$4,278	\$10,282,540	\$4,927,763	\$441,525	\$176,544,119	\$1,786,041,728
Burned (#/MBTU) Avg																	
Coal	403.62	426.04	115.36			405.38	323.97	218.49		382.77				472.78		396.20	376.59
Biomass	-	-	311.71			-	-	-		-				-		311.71	488.39
Fuel Oil	1,802.19	1,740.32	1,609.98	-		1,781.09	1,639.68	1,585.53	-	1,707.04		897.73		1,624.48	1,673.47	644.14	1,484.80
Gas	-	-	-	-		-	-	789.23	(B)	-		-		-	357.35	477.76	518.36
Nuclear	-	-	-	-	51.81	-	-	-	-	-	51.65	-	52.59	-	-	52.04	49.90
Weighted Average	407.88	426.94	130.03	-	51.81	405.53	338.90	261.02	-	383.88	51.65	1,077.58	52.59	490.07	483.94	193.14	181.55
Generated (¢/kWh) Avg																	
Coal	3.99	3.89	1.07			3.96	3.59	2.43		3.57				5.15		3.75	3.63
Biomass	-	-	4.00			-	-	-		-				-		4.00	6.01
Fuel Oil	-	-	(B)	(B)		-	(B)	INF.	(B)	-		(B)		(B)	20.17	(B)	(B)
Gas	-	-	-	-		-	-	7.88	-	-		-		-	4.31	5.44	6.03
Nuclear	-	-	-	-	0.51	-	-	-	-	-	0.52	-	0.53	-	-	0.52	0.50
Weighted Average	4.04	3.91	1.22	(B)	0.51	3.97	3.80	2.94	(B)	3.58	0.52	(B)	0.53	5.42	5.84	1.89	1.80
Burned MBTU's																	
Coal	5,391,413	14,238,147	835,948			3,042,982	607,442	778,309		11,296,328				990,488		37,181,057	381,214,786
Biomass	-	-	3,485			-	-	-		-				-		3,485	112,307
Fuel Oil	16,437	9,695	7,836	-		349	6,946	11,952	-	9,458		397		15,040	8,775	86,885	1,109,399
Gas	-	-	-	-		-	-	32,690	-	-		-		-	82,461	115,151	7,122,467
Nuclear	-	-	-	-	17,165,764	-	-	-	-	-	17,299,712	-	19,553,427	-	-	54,018,903	594,217,591
Total	5,407,850	14,247,842	847,269	-	17,165,764	3,043,331	614,388	822,951	-	11,305,786	17,299,712	397	19,553,427	1,005,528	91,236	91,405,481	983,776,650
Net Generation (mWh)																	
Coal	546,070	1,557,707	89,754			311,202	54,798	69,840		1,212,663				90,938		3,932,972	39,592,916
Biomass	-	-	271			-	-	-		-				-		271	9,119
Fuel Oil	-	-	(22)	(138)		-	(33)	25	(1,059)	-		(416)		(103)	728	(1,018)	(9,500)
Gas	-	-	-	-		-	-	3,276	-	-		-		-	6,838	10,114	612,241
Nuclear	-	-	-	-	1,739,073	-	-	-	-	-	1,727,672	-	1,944,318	-	-	5,411,063	58,757,530
Total	546,070	1,557,707	90,003	(138)	1,739,073	311,202	54,765	73,141	(1,059)	1,212,663	1,727,672	(416)	1,944,318	90,835	7,566	9,353,402	98,962,306
Cost of Reagents Burned (\$)																	
Ammonia	-	543,102	-			83,566	-	-		-				-		626,667	5,158,478
Limestone	246,931	334,543	-			-	-	-		419,908				-		1,102,772	13,141,676
Urea	136,258	-	-			491,770	-	-	(771)	-				-		627,257	4,759,734
Organic Acid	-	-	-			-	-	-	-	-				-		-	-
Total	383,189	877,645	-	-		575,336	-	-	-	419,137				-		2,356,696	23,059,888

(A) Cost of fuel burned excludes \$9,616 associated with emission allowance expense for the month and \$283,429 for the twelve months ended.

(B) Cents/kWh not computed when costs and/or net generation is negative.

(C) Activity at Buzzard Roost reflects sale of fuel oil inventory.

Notes:

Detail amounts may not add to totals shown due to rounding.

Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.

Coal Inventory Ending Balance excludes 7,585 tons and \$386,234 associated with terminals for the current month.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
December 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME December 2010
Coal Data:														
Beginning balance	384,627	533,368	176,311		314,253	105,704	167,984		1,013,295		172,840		2,868,381	4,388,307
Tons received during period	67,445	496,821	28,661		69,755	9,919	23,197		363,862		23,617		1,083,278	13,598,460
Moisture adjustments	(702)	(1,335)	-		(401)	-	-		(1,407)		-		(3,845)	(7,868)
Tons burned during period (A)	221,984	625,770	9,548		132,625	19,886	18,212		480,481		52,049		1,560,554	15,591,640
Ending balance	229,386	403,085	195,425		250,981	95,737	172,969		895,269		144,408		2,387,260	2,387,260
MBTUs per ton burned	24.29	22.75	87.56		22.94	30.55	42.74		23.51		19.03		23.83	24.45
Cost of ending inventory (\$/ton)	98.32	97.22	93.91		93.27	98.45	93.38		90.26		91.25		93.44	93.44
Biomass/Test Fuel Data:														
Beginning balance			381				3,141						3,522	614
Tons received during period			26				-						26	15,184
Inventory adjustments			1				-						1	(617)
Tons burned during period			408				-						408	12,040
Ending balance			-				3,141						3,141	3,141
Cost of ending inventory (\$/ton)			-				43.84						43.84	43.84
Fuel Oil Data:														
Beginning balance	61,169	229,216	316,647	1,513,569	57,044	216,786	526,956	8,671,215	294,343	3,933,547	225,136	2,254,372	18,300,000	18,849,966
Gallons received during period	165,111	97,827	-	-	30,504	-	112,866	-	115,492	-	53,535	-	575,335	8,039,475
Miscellaneous usage, transfers and adjustments (C)	(12,254)	(9,414)	(2,081)	(1,089,379)	(5,049)	(2,556)	(3,750)	-	(23,585)	-	(1,476)	-	(1,149,544)	(1,744,321)
Gallons burned during period	119,446	70,596	56,828	-	2,537	50,395	86,449	-	68,703	2,851	109,072	62,755	629,632	8,048,961
Ending balance	94,580	247,033	257,738	424,190	79,962	163,835	549,623	8,671,215	317,547	3,930,696	168,123	2,191,617	17,096,159	17,096,159
Cost of ending inventory (\$/gal)	2.48	2.39	2.21	0.80	2.33	2.28	2.19	1.60	2.35	1.25	2.23	2.34	1.67	1.67
Gas Data: (B)														
Beginning balance														
MCF received during period			-	-		-	32,207	-		-	-	80,844	113,051	6,990,560
MCF burned during period			-	-		-	32,207	-		-	-	80,844	113,051	6,990,560
Ending balance														
Cost of ending inventory (\$/mcf)														
Limestone Data:														
Beginning balance	21,742	25,124			10,396				57,131				114,393	63,639
Tons received during period	-	6,403			-				7,376				13,779	490,932
Tons burned during period (A)	7,635	11,442			4,033				13,733				36,843	463,242
Ending balance	14,106	20,084			6,363				50,775				91,329	91,329
Cost of ending inventory (\$/ton)	32.35	28.22			25.14				30.03				29.65	29.65

(A) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.

(B) Gas is burned as received; therefore, inventory balances are not maintained.

(C) Activity at Buzzard Roost reflects sale of fuel oil inventory.

Notes:

Detail amounts may not add to totals shown due to rounding.

Coal Inventory Ending Balance excludes 7,585 tons and \$386,234 associated with terminals for the current month.